

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

**Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>**

Summary river data for September 30 - October 6, 2002 (preliminary data-subject to revision)

**RESERVOIR OPERATION DATA**

Millions of gallons - 24 hour period, local time

| Date     | Discharge to river    |                     |                       | Diversions to New York City water supply |                   |                   |                         |
|----------|-----------------------|---------------------|-----------------------|--|-------------------|-------------------|-------------------------|
|          | Pepacton              | Cannonsville        | Neversink             | Pepacton                                 | Cannonsville      | Neversink         | Average                 |
|          | release<br>begin 1200 | release<br>end 2400 | release<br>begin 1500 | beginning<br>0800                        | beginning<br>0800 | beginning<br>0800 | June 1, 2002<br>to date |
| Sept. 30 | 42                    | 59                  | 28                    | 500                                      | 0                 | 110               | 710                     |
| Oct. 1   | 29                    | 72                  | 16                    | 500                                      | 0                 | 107               | 709                     |
| 2        | 29                    | 134                 | 16                    | 500                                      | 0                 | 164               | 709                     |
| 3        | 29                    | 306                 | 16                    | 499                                      | 0                 | 71                | 708                     |
| 4        | 29                    | 222                 | 16                    | 500                                      | 0                 | 80                | 707                     |
| 5        | 29                    | 248                 | 16                    | 500                                      | 0                 | 42                | 705                     |
| 6        | 29                    | 323                 | 16                    | 500                                      | 0                 | 71                | 704                     |

|                             |                                       |  |
|-----------------------------|---------------------------------------|--|
| Pepacton Reservoir (P):     | Available storage Oct. 7, 2002 (0800) | 80.479 billion gals. 57.4% (elev. 1,242.90 ft.)  |
|                             | Spillway crest elevation 1,280.00 ft. | 140.190 billion gallons.                         |
| Cannonsville Reservoir (C): | Available storage Oct. 7, 2002 (0800) | 34.220 billion gals. 35.8 % (elev. 1,100.96 ft.) |
|                             | Spillway crest elevation 1,150.00 ft. | 95.706 billion gallons.                          |
| Neversink Reservoir (N):    | Available storage Oct. 7, 2002 (0800) | 18.593 billion gals. 53.2 % (elev. 1,401.29 ft.) |
|                             | Spillway crest elevation 1,440.00 ft. | 34.941 billion gallons.                          |
| Combined contents, PCN:     | Available storage Oct. 7, 2002 (0800) | 133.292 billion gals. 49.2 %                     |
|                             | Combined capacity at spillway level   | 270.837 billion gallons.                         |
| Lake Wallenpaupack:         | Available storage Oct. 6, 2002 (2400) | 10.306 billion gals. 29.1 % (elev. 1,176.1 ft.)  |
|                             | Spillway crest elevation 1,190.00 ft. | 35.451 billion gallons.                          |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**

Discharge in cubic feet per second, local time as routed to Montague

| Date     | Releases from N.Y.C. Reservoirs  |          |                   |                | Power releases     |                  | Computed<br>uncon-<br>trolled <sup>2</sup> | Total<br>Discharge | Precipitation |        |
|----------|----------------------------------|----------|-------------------|----------------|--------------------|------------------|--|--------------------|---------------|--------|
|          | Directed<br>release <sup>1</sup> | Pepacton | Cannons-<br>ville | Never-<br>sink | Wallen-<br>paupack | Rio<br>Reservoir |  |                    | (inches)      |        |
|          |                                  |          |                   |                |                    |                  |  |                    | Daily         | Cumul. |
| Sept. 30 | 0                                | 70       | 45                | 53             | 0                  | 0                | 2,302                                      | 2,470              | 0             | 4.86   |
| Oct. 1   | 0                                | 70       | 68                | 53             | 0                  | 0                | 1,639                                      | 1,830              | 0             | 0      |
| 2        | 0                                | 70       | 91                | 43             | 36                 | 0                | 1,270                                      | 1,510              | 0             | 0      |
| 3        | 175                              | 65       | 111               | 25             | 133                | 0                | 1,126                                      | 1,460              | .15           | .15    |
| 4        | 279                              | 45       | 207               | 25             | 277                | 35               | 1,011                                      | 1,600              | .07           | .22    |
| 5        | 543                              | 45       | 473               | 25             | 367                | 35               | 1,105                                      | 2,050              | .18           | .40    |
| 6        | 411                              | 45       | 343               | 25             | 416                | 53               | 1,128                                      | 2,010              | 0             | .40    |

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the D & R Canal, September 30 - October 6, 2002, averaged 66.0 mgd. The average diversion for the 30-day period ending October 6, 2002 was 62.1 mgd and the maximum diversion was 100 mg on September 19, 2002.